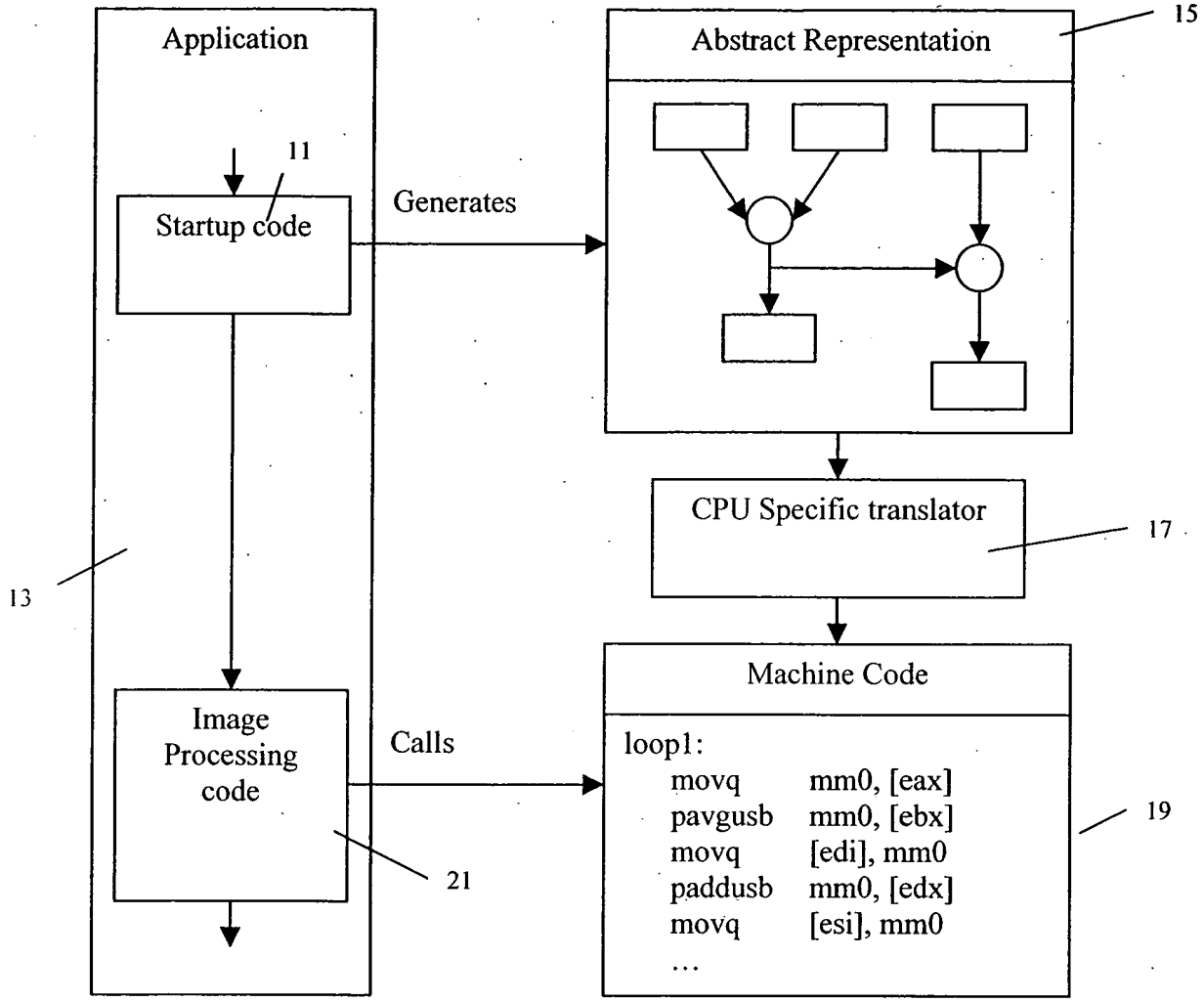
Application
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Startup code
Generates
Abstract Representation
15
CPU Specific translator
17
13
Image Processing code
Calls
21
Machine Code
loop1:
movq mm0, [eax]
pavgusb mm0, [ebx]
movq [edi], mm0
paddusb mm0, [edx]
movq [esi], mm0
...
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Fig. 1